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RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/509,418B
Source: 1600
Date Processed by STIC: 7/21/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,418B

DATE: 07/21/2003

TIME: 08:02:45

Input Set : A:\seq.list.txt
Output Set: N:\CRF4\07212003\I509418B.raw

4 <110> APPLICANT: Koropatrick, Donald J.
5 Vincent, Mark D.
6 Dean, Nicholas M.
8 <120> TITLE OF INVENTION: Antisense Oligonucleotides Against
9 Thymidylate Synthase
11 <130> FILE REFERENCE: 753-109RCE
13 <140> CURRENT APPLICATION NUMBER: US 09/509,418B
C--> 14 <141> CURRENT FILING DATE: 2000-07-11
16 <160> NUMBER OF SEQ ID NOS: 20
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

215 <210> SEQ ID NO: 18
216 <211> LENGTH: 25
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
223 <400> SEQUENCE: 18
E--> 224 ctttggaaagc accctaaaca occat 25

invalid nucleic acid descriptor - please use "n"
and explain in
(2207-2223) section

FYI: "n" can only represent
a single nucleic acid

VERIFICATION SUMMARY DATE: 07/21/2003
PATENT APPLICATION: US/09/509,418B TIME: 08:02:46

Input Set : A:\seq list.txt
Output Set: N:\CRF4\07212003\I509418B.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:72 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (5) SEQUENCE:
L:224 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1